



Council Of Energy Resource Tribes

5660 So. Syracuse Circle • Plaza North
Suite 206 • Englewood, Colorado 80110

Executive Committee:

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Chairman
Navajo

Willfred Scott
Vice-Chairman
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Pueblo of Laguna
Santa Ana Pueblo
Spokane
Utah-Ute
Wind River
Yakima
Zia

Executive Director:

Ed Gabriel

July 10, 1981

Governor Harry Early
Pueblo of Laguna Council
P.O. Box 194
Old Laguna, NM 87026

Dear Governor Early:

Please find enclosed the Work Plan that CERT proposes for preparing the Socioeconomic Section of the Jackpile Reclamation EIS. As discussed with Ron Soliman, the USGS would transfer funds to the Pueblo for this work. CERT would bill the Pueblo for direct costs only and the Pueblo would pay CERT. A budget of direct costs is also enclosed.

If you approve of the Work Plan and the budget amount of (b) (4), please sign the enclosed copy of this letter and return it to me at CERT. We look forward to working with the Pueblo in analyzing the impacts of reclamation.

Sincerely yours,

Chandler C. Smith
Office of Planning & Management

cc: Ed Gabriel
Ted Smith
Ron Soliman, Pueblo of Laguna

Governor Harry Early

July 17, 1981
Date

WORK PLAN

TEAM LEADER: Chan Smith

PROJECT CODE: 06-15-01-056-02

PROJECT NAME: Socioeconomic Impact Analysis
For Jackpile EIS

DUE DATE: July 10, 1981

1) Project Start Date: Immed.

Project End Date: February 1, 1982

2) Tribal Project Leader/Contact: Harry D. Early, Governor
Address: Pueblo of Laguna, P.O. Box 194, Laguna, NM 87026
Phone: (505) 552-6654

3) Description of Work Request: On a separate sheet please provide the following information and any other pertinent data: (1) detailed description of scope of work, outlining each task; (2) lists of all deliverables; (3) previous work performed and/or existing information available on the request; (4) relationship of project to overall tribal goals; (5) tribal purpose or motive behind conducting the project; (6) expected outcome of project to tribe; and (7) tribal resources available for project.

4) How does this project address any of the following CERT goals: (please indicate strategy and objective from CERT Operational Plan).

☐ Assist member tribes use their energy resources as a foundation for developing stable reservation economies. Strategy/objective: _____

☒ Assist tribes protect natural and social environment of reservations according to their goals, priorities and values. Strategy/objective: Objective II-1/Strategies 2 and 3 and
Objective II-2/Strategies 4 and 6.

☐ Assist tribes in developing their own energy resource management capabilities within tribal government. Strategy/objective: _____

5) Special project considerations, relation to other CERT projects or transferability to other CERT tribes: The Laguna Tribe is participating in environmental impact statement preparation. The involvement of the Tribe ensures the concerns of the Tribe will be addressed by the EIS. This experience can set an example for other tribes.

6) Future Project Needs: (How will this project affect future activities on the reservation? What anticipated new projects and/or CERT staff expertise will be needed in the future? Use additional paper if necessary.) The Tribe's experience in the NEPA process will prepare them for future occasions when an EIS is required. They will be acquainted with the EIS procedures. Therefore, environmental protection will be better accomplished. The environmental staff will probably review the draft EIS when released in early 1982.

7) Staff Needed:

Man Days

1982

Month Manpower Allocations:

1981

01	02	03	04	05	06	07	08	09	10	11	12
1.0					7.5	11.5	3.5	5.5	0.5	1.0	
0.5					4.0	4.5	2.0	1.5	0.5	0.5	
					16.0	16.0	1.0	-	-	-	
					-	1.5	1.5	1.0	1.0	-	
1.5					17.5	33.5	8.0	8.0	2.0	1.5	

(b) (6)

30.5

13.5

33.0

5.0

TOTAL 82.0

8) Consultants Needed: Yes: X No: _____

(If yes, list Firms/Individuals suggested and explain their project activities.)

Consultant to be determined. Consultant will visit rail and mine shop, assess possible industrial re-uses, and identify maintenance required to preserve the facilities for re-use.

9) a) Estimated Consultant Costs (b) (4) (rate) x 10 days = _____

\$ (b) (4)

b) Estimated Consultant Travel and other Costs _____

(b) (4)

c) Estimated Staff Travel Costs _____

(b) (4)

(b) (4)

d) Other Direct Costs (equipment, literature, computer services, etc., please list)

Computer

(b) (4)

Misc.

Total Estimated Costs

\$ (b) (4)

10) Estimated Tribal Contributions:

Direct Money Contribution

\$

In-Kind Contributions:

Labor (40 manhours) (b) (4)

(b) (4)

Travel

Space

Equipment

Other (list)

Total

\$ (b) (4)

11) Comments: Bills for CERT time and expenses to be sent to Pueblo of Laguna. They will pay us out of money provided to Laguna by the USGS.

PROJECT NARRATIVE

PROJECT NAME: Laguna Mining & Reclamation

CODE: 06-15-13-056-02

TEAM LEADER: Chan Smith

- 1) Please provide detailed description of project (use additional paper if necessary):
See attached "Scope of Work"

- 2) List all deliverables: The EIS Task Force Leader published a list of reports with deadlines. The reports will be designated as tasks in the attached "Scope of Work."

- 3) Describe previous work performed: CERT reviewed and commented on Anaconda Mining and Reclamation Plan. CERT attended and offered comments during the EIS scoping meetings. Proposal for funding task force reports is to be submitted to the Tribe.

- 4) Explain the relationship of project to overall tribal goals: The Tribe will be taking actions in protecting their natural and social environment according to their own goals, priorities, and values.

- 5) Describe the purpose or motive behind conducting the project: The uranium mining operations have created some hazards to the environment. The Tribe will take actions to ensure the adverse impacts are mitigated. The Tribe will also act to provide temporary employment and preserve re-use potential.

- 6) Describe the expected outcome of project to tribe: The Tribe will be familiarized with the EIS process and what role they can play. The input (mainly Tribal concerns) will be addressed by the EIS on how the Jackpile-Pasuate Uranium Mine will be reclaimed.

- 7) List tribal resources available for the project: The Tribe will provide manpower and assist in data gathering and obtain funding from the U.S. Geological Survey.

SCOPE OF WORK
TA 15-13-056-02

BACKGROUND

CERT is serving as technical advisor to Laguna during the course of the EIS proceedings. In this role, CERT also serves on the EIS Task Force. CERT is to complete reports on socioeconomic impacts as related to the reclamation of the Jackpile. The reports are described below. The due dates are set by the EIS Task Force Leader. The reports will be submitted directly to the U.S. Geological Survey with a copy to the Laguna Pueblo. These reports will be incorporated into a draft EIS by the U.S.G.S. which will be published in the summer of 1982. CERT will bill the Pueblo of Laguna for direct costs incurred in performing the tasks in this Scope of Work.

TASKS:

Task 1 - Analysis of Data Adequacy

Information relating to socioeconomic impacts of the reclamation of the Jackpile-Paguete Mine will be evaluated for adequacy. Additional data needed to complete the reports will be obtained and assessed.

Task 2 - Outline of Report on Existing Conditions

An outline will be prepared of the report that will summarize the present human environment. Employment, income, mine site facilities, water use, livestock, housing, and other socioeconomic baseline data will be addressed. This outline is limited to two pages. (Due 7/17/81).

Task 3 - Draft Report on Existing Conditions

This report will expand on the items of concern identified in Task Two. Potential impacts will be identified in the conclusion of the report. (Due 9/1/81).

Task 4 - Recommendations for Alternatives to Anaconda's Proposal

Anaconda's Mining and Reclamation Plan will be evaluated to help identify ways of mitigating impacts (consequences) of the proposed reclamation. Different alternatives will be identified and described. The relative socioeconomic impacts of alternatives will be identified.

Task 5 - Final Report on Existing Conditions

This report will revise the previous report to incorporate comments received on the draft. The subject matter will be limited to socio-economics related to reclamation. This will be a final report prior to its incorporation into the draft EIS. (Due 10/15/81).

Task 6 - Outline of the Report on Impacts of Anaconda's Proposal and Alternatives Selected

This is a short outline of the impacts of Anaconda's proposed action on the socioeconomic environment. The outline also will include alternatives and their impacts as discussed in Task 5. (Due 9/21/81).

Task 7 - Draft Report on Impacts and Alternatives

This report will expand on the points presented in the outline in Task 6. The scope will be limited to an analysis of the impacts of reclamation and alternative methods of reclamation. The impacts of the layoffs or of continued mining will not be analyzed. (Due 9/15/81).

Task 8 - Final Report on Impacts and Alternatives

The Draft Report (Task 7) will be revised to respond to comments received. (Due 11/6/81).

Task 9 - Ongoing Input to EIS Process

After submission of Final Reports, CERT will need to provide clarification and advice to the USGS as these reports are incorporated into the Draft EIS. This task includes reviewing and commenting on the socioeconomic sections of the Draft EIS.

TA 15-18-056-02

<u>TASK</u>	<u>DESCRIPTION</u>	<u>PERSON</u>	<u>BEGIN</u>	<u>END</u>	<u>HOURS</u>
1.0	<u>Collect Data on Existing Conditions</u>				
1.1	Request Reclamation Employment & Budget Information by year from Anaconda	C. (b) (6)	7/3	7/10	4
1.2	Review Budget & Employment Information	J. (b) (6) C. (b) (6)	7/10 7/10	7/24 7/24	8 4
1.3	Review Existing Documents & Labor Force Survey	J. (b) (6)	7/3	7/17	40
1.4	Complete Tribal Profile Using Input from 1.3; Assess Completeness	J. (b) (6)	7/3	7/16	16
1.5	Develop Interview Form for Tribal Officials based on 1.3 & Jackpile Unemployment Situation	J. (b) (6) C. (b) (6)	7/20 7/20	7/24 7/24	16 8
1.6	Develop Interview Form for Local Businesses on Impact of Layoffs	J. (b) (6) C. (b) (6)	7/20 7/20	7/24 7/24	16 8
1.7	Conduct Interviews in Field	J. (b) (6) C. (b) (6)	7/24 7/24	8/7 8/7	48 24
1.8	Visit Rail Site & Shop Site with Industrial Engineering Consultant	C. (b) (6)	8/7	8/15	16
1.9	Collect Information about Grazing and Irrigation Potential	J. (b) (6)	7/3	8/7	24
2.0	<u>Prepare Outline of Report on Existing Conditions</u>	C. (b) (6) (b) (6) J. (b) (6)	7/10 7/10 7/10	7/15 7/15 7/15	8 4 4

3.0	<u>Prepare Draft Report on Existing Conditions</u>				
3.1	Prepare Rough Draft	J. (b) (6)	8/10	8/21	48
	Population	C. (b) (6)	8/1	8/21	16
	Employment and Income	J. (b) (6)	8/10	8/21	16
	Community Facilities & Services*				
	Site Conditions Affecting Economic Re-use				
	*incl. housing, water, sewer, roads,				
	police and fire, recreation, education,				
	health, welfare, etc.				
3.2	Review Rough Draft	C. (b) (6)	8/21	8/25	8
		N. (b) (6)	8/21	8/25	8
3.3	Revise Rough Draft	J. (b) (6)	8/25	8/28	16
		C. (b) (6)	8/25	8/28	4
3.4	Finalize Draft Report	N. (b) (6)	8/28	9/2	8
4.0	<u>Recommend Alternatives</u>				
4.1	Develop Staffing & Timing Alternatives	C. (b) (6)	7/10	8/7	8
		J. (b) (6)	7/10	8/7	16
4.2	Develop Alternatives to Maximize Grazing and and Irrigation Potential	C. (b) (6)	7/20	8/15	4
		J. (b) (6)	7/20	8/15	16
4.3	Develop Alternatives to Maximize Reuse Potential of Shop Facility	C. (b) (6)	8/7	8/15	4
4.4	Develop Alternatives to Maximize Reuse Potential of Rail Line	C. (b) (6)	8/7	8/15	4
4.5	Develop Alternatives to Minimize Community Impacts on Paguete, Biho, other Communities	C. (b) (6)	7/24	8/15	8
		J. (b) (6)	7/24	8/15	12
5.0	<u>Prepare Final Report on Existing Conditions</u>				

5.1	Review Comments Received on Draft Report	C. (b) (6)	9/15	10/1	12
		J. (b) (6)	9/15	10/1	4
5.2	Revise Draft Report	C. (b) (6)	10/1	10/12	20
		J. (b) (6)	10/1	10/12	8
5.3	Review Revision	N. (b) (6)	10/12	10/15	4
5.4	Prepare Final Report on Existing Conditions	C. (b) (6)	10/15	10/20	8
		N. (b) (6)	10/15	10/20	4
6.0	<u>Prepare Outline of Report on Impacts and Alternatives</u>	J. (b) (6)	7/17	8/21	8
		C. (b) (6)	7/17	8/21	12
		J. (b) (6)	7/17	8/21	8
7.0	<u>Prepare Draft Report on Impacts and Alternatives</u>	C. (b) (6)	8/21	9/15	32
		J. (b) (6)	8/21	9/4	16
		J. (b) (6)	8/21	9/15	12
		N. (b) (6)	9/10	9/15	8
8.0	<u>Prepare Final Report on Impacts and Alternatives</u>	C. (b) (6)	10/15	11/6	20
		J. (b) (6)	10/15	11/6	4
		N. (b) (6)	10/29	11/6	8
9.0	<u>Provide Ongoing Input to EIS Process</u>	C. (b) (6)	11/6	2/1	16
		J. (b) (6)	11/6	2/1	12

BUDGET
TA 15-13-056-02

ALL TASKS

J. Blueyes	7/3	11/6	(b)
N. Dille	8/21	11/6	(b)
J. Gonzales	7/3	9/4	(b)
C. Smith	7/3	11/6	(b)

x

(b) (4)

TRAVEL

J. Gonzales
C. Smith
J. Blueyes

(b) (4)

(b) (4)

CONSULTANTS

10 days x (b) (4)
Travel

(b) (4)

\$4,250

(b) (4)

COMPUTER

(b) (4)

MISC.

(b) (4)

(b) (4)

(b) (4)

AREAS OF RESPONSIBILITY

GEOLOGY: VERN RULLI, COORDINATOR

(Mining Engineer)

General Geology

Remaining Reserves

Procore .02 - .034%

In Place

(b) (6)

Geologic Hazards

Subsidence

Underground Entries

(b) (6)

SITE STABILITY: WAYNE LAMBERT, COORDINATOR

(Geomorphologist)

Highwalls

(b) (6)

Arroyo Cutting

(b) (6)

Stream Stabilization

Overall Site Contouring

(b) (6)

Waste Pile Slopes

(b) (6)

LAND USE: MARC NELSON, COORDINATOR

Aesthetics

(b) (6)

On Site - Pre-mining

Off Site - Present

Laguna Pueblo

On Site - Present

(b) (6)

Cultural, Religious and Archeological
Values

(b) (6)

- Environmental Quality

Long Term Monitoring Needs and Procedures

Task Force

archaeologist
VEGETATION: BILL ALLAN, COORDINATOR

Natural Vegetation

Revegetation Areas

Soil Profile

(b) (6)

range scientist

AIR AND WILDLIFE: MARC NELSON, COORDINATOR

Meteorology

(b) (6)

Air Quality

Particulates

Other

EPA

John Andrews

POL-EPA01-0007324

Wildlife

Endangered Species
Other

(b) (6)

SOCIOECONOMICS: DENNIS UMSHLER, COORDINATOR

Present Conditions
Impacts of Reclamation

CERT (Contract)

HYDROLOGY: DENNIS RISSE, COORDINATOR

Surface Water Quality
Ground Water Quality
Ground Water Quantity
Sediment Contamination

(b) (6)

and
WRD

and a Chemist

RADIOLOGICAL ISSUES: MARC NELSON, COORDINATOR

Radon Emission

EPA

Cleanup of On Site Buildings

EPA

Survey of Boulders Along Stream Channels

IHS, EPA

Off Site Contamination

Along Rail Spur

IHS, EPA

Homes

IHS, EPA

Airborne Gamma Survey

DOE

Ground Water Contamination

Backfilling with Ore Associated
Waste

(b) (6)

Precipitation Filtration Through
Waste Piles

and
WRD

Total Radiation Dose Calculations

Residents of Paguate

EPA

Homes On Site

Short Term On Site Use

~~Population Dose Impact~~

Human Food Chain

EPA

Note: need to talk w/ Don Hendricks & this

TASK FORCE REPORTS

<u>REPORT</u>	<u>DEADLINE</u>
1. Analysis of data adequacy and recommendations for obtaining additional data (one page maximum).	05-18-81
2. Outline of the report on existing conditions (two page maximum). <i>on the area you are going to write-on.</i>	05-18-81
3. Draft report on existing conditions.	06-15-81
4. Recommendations for alternatives to Anaconda's proposal.	07-15-81
✓ 5. Final report on existing conditions.	07-15-81
6. Outline of a report on the impacts of Anaconda's proposal and the alternatives selected (two page maximum).	08-01-81
7. Draft report on the impacts of Anaconda's proposal and the alternatives selected.	09-01-81
8. Recommendations for long-term monitoring needs and procedures.	10-01-81
✓ 9. Final report on the impacts of Anaconda's proposal and the alternatives selected.	10-01-81
10. Internal review of preliminary draft EIS.	02-01-82
11. Review of draft EIS and public comments.	?